

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL & PLANT HEALTH INSPECTION SERVICE PLANT PROTECTION & QUARANTINE

March, 2003

USDA-APHIS-PPQ REGIONAL OFFICES

Complete details on certificates, permits and approved treatments may be obtained from any of the following APHIS-PPQ regional offices:

USDA-APHIS-PPQ

Eastern Regional Office
920 Main Campus Drive, Suite 200
Raleigh, NC 27606-5213
919-716-5576

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2150 Centre Ave. Bldg. B Mailstop #3E10
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FEDERAL DOMESTIC QUARANTINES

This section contains summaries of the following Federal plant pest quarantines regulating the movement of nursery stock and/or related commodities:

1. Black Stem Rust
2. Gypsy Moth
3. Pink Bollworm
4. Japanese Beetle
5. Citrus Canker
6. Witchweed
7. Golden Nematode
8. Corn Cyst
9. European Larch Canker
10. Mediterranean Fruit Fly
11. Mexican Fruit Fly
12. Oriental Fruit Fly
13. Pine Shoot Beetle
14. Imported Fire Ant
15. Asian Longhorned Beetle

16. Karnal Bunt

1. BLACK STEM RUST QUARANTINE (BSR) 7CFR 301.38

PEST: Black Stem Rust (*Puccinia graminis*)

STATES REGULATED: The conterminous 48 states and District of Columbia.

PROTECTED STATES: IL, IN, IA, KS, MI, MN, MO, MT, NE, ND, OH, PA, SD, WV, WI, WY and WA (portions of).

REGULATED ARTICLES: 1) All seedlings and plants of less than 2 years' growth of the genus *Berberis*. 2) All plants, seeds, fruits and other plant parts capable of propagation from rust_resistant species of *Berberis*. 3) All plants, seedlings, seeds, fruits, and other plant parts capable of propagation from rust_resistant species of *Mahoberberis*, and *Mahonia*, except *Mahonia* cuttings for decorative purposes. 4) All plants, seeds, fruits and other plant parts capable of propagation from rust_susceptible species and varieties of the general *Berberis*, *Mahoberberis*, and *Mahonia*, and seedlings from rust_susceptible species and varieties of the genera *Mahoberberis* and *Mahonia*, except *Mahonia* cuttings for decorative purposes. 5) Any other product or article not listed above that is determined to be risk of spread of BSR.

List of Rust_Resistent species/varieties is usually updated annually by the addition of recently tested species/varieties.

RESTRICTIONS: Interstate movement of regulated articles is unrestrained into or through any state or area that is not designated a protected area. Interstate movement into or through any protected area is prohibited of all seedlings and plants of less than 2 years' growth of the genus *Berberis* and all plants, seeds, fruits and other plant parts capable of propagation from rust_susceptible species of *Berberis* and species and varieties of *Mahoberberis*, and *Mahonia*, and seedlings from rust_susceptible species and varieties of the genera *Mahoberberis* and *Mahonia*.

A certificate is required for the interstate movement into or through a protected area for all plants of at least 2 years' growth, seeds, seedlings, fruits and other plant parts capable of propagation from rust_resistant species of *Berberis* and species and varieties of the *Mahoberberis*, and *Mahonia*.

A limited permit is required for a regulated article not eligible for certification to move interstate into or through a protected area to a destination outside the protected area and movement must be made in a closed sealed container.

2. GYPSY MOTH QUARANTINE (GM) 7CFR 301.45

PEST: Gypsy Moth (GM), *Lymantria dispar* (Linnaeus)

STATES REGULATED: Generally infested States: CT, DE, DC, MD, MA, MI, NH, NJ, NY, PA, RI, VT, and parts of IN, ME, NC, OH, VA, WI and WV.

REGULATED ARTICLES: Unless greenhouse grown throughout the year, trees without roots (e.g. Christmas trees), trees with roots, and shrubs with roots and persistent woody stems. Logs, pulpwood, wood chips, mobile homes and associated equipment, outdoor household articles (OHA) and any other product, article or means of conveyance determined to present a high risk of artificial spread of GM. In 2003, a rule change will be proposed to remove wood chips from the list of regulated articles and add bark.

RESTRICTIONS: A certificate, permit or OHA document is required for a regulated article to be moved interstate from any generally infested area into or through any area that is not generally infested. An exception to this is for logs, pulpwood and wood chips which may be inspected by the person moving these regulated articles who attaches a signed accurate statement to shipping documents stating the articles have been inspected according to the PPQ GM Program Manual and found to be free of all life stages of GM.

A regulated article originating outside of the generally infested area may be moved through a generally infested area if its identity is maintained and it is safeguarded against infestation while in an infested areas during April through June.

All certificates, permits, or OHA documents must be securely attached to the article, container, or shipping documents accompanying the regulated articles.

3. PINK BOLLWORM QUARANTINE (PBW) 7CFR 301.52

PEST: Pink Bollworm, *Pectinophora gossypiella* Saund.

STATES REGULATED: AR, AZ, CA, NM, OK, TX and a portion of Poinsett County, AR

REGULATED ARTICLES: Cotton and wild cotton, including all parts of these plants, seed cotton, cotton seed, American-Egyptian (long staple) varieties of cotton lint, linters, lint cleaner waste (except when compressed to a density of at least 22 pounds per cubic foot) and trade samples of American-Egyptian cotton lint and linters. Also regulated is cotton waste produced at cotton gins and cottonseed oil mills, cotton gin trash, used bagging and other used wrappers for cotton, used cotton harvesting equipment, used cotton ginning equipment, used cotton oil mill equipment, kenaf, okra, including all parts (except canned, frozen, and fresh during certain times of the year and to certain States, and seed). Also any other product, article or means of conveyance not covered above that presents a risk of spread of the PBW.

RESTRICTIONS: A certificate or permit is required for the interstate movement of a regulated article from a regulated area into or through a non-regulated area, OR from a generally infested area into or through a suppressive area, OR between noncontiguous suppressive areas.

A certificate or permit is not required for the interstate shipment of regulated articles between contiguous suppressive areas, OR between contiguous generally infested areas, OR from a suppressive area to a contiguous generally infested area, OR if regulated articles, which originated in a non-infested area and which maintain their identity while in the regulated area, are reshipped through or into a regulated area, OR if articles are shipped between non-regulated areas without moving into or through a regulated area.

(A suppressive area is part of a regulated area where eradication is undertaken as an objective.)

4. JAPANESE BEETLE QUARANTINE (JB) 7CFR 301.48

PEST: Japanese Beetle (JB), *Popillia japonica* Newm.

STATES REGULATED: AL, CT, DC, DE, GA, IL, IN, KY, ME, MD, MA, MI, MN, MO, NH, NJ, NY, NC, OH, PA, RI, SC, TN, VT, VA, WI, and WV.

REGULATED ARTICLES: Commercial and military aircraft at or from regulated airports.

RESTRICTIONS: Aircraft may only move interstate from a regulated airport to AZ, CA, ID, NV, OR, UT, WA if it has been treated according to the Treatment Manual, OR if an inspector determines that the aircraft does not pose a threat to the spread of JB, OR if the aircraft arrives and departs a regulated airport during the same non-daylight hours.

SPECIAL NOTE: Domestic movement of nursery stock is no longer regulated for Japanese beetle by APHIS; however, many states maintain quarantine and shipping regulations for Japanese beetle. For information, refer to the state-by-state summaries. The Domestic Harmonization Plan last updated in August 1998.

5. CITRUS CANKER QUARANTINE (CC) 7CFR 301.75

PEST: Citrus canker, *Xanthomonas axonopodis* pv. *citri*

STATES REGULATED: Portions of Broward, Collier, Dade, and Manatee counties, Florida.

REGULATED ARTICLES: Plants, plant parts including seeds and fruit or any of the following: all species, clones, cultivars, strains, varieties, and hybrids of the genera *Citrus* and *Fortunella* and of the species *Clausena lansium* and *Poncirus trifoliata*.

Also grass, plant, and tree clippings are regulated as well as any other product, article or means of conveyance which is determined to present a risk of the spread of citrus canker.

RESTRICTIONS: All regulated articles are prohibited from moving outside of a regulated area.

6. WITCHWEED QUARANTINE (WW) 7CFR 301.80

PEST: Witchweed (WW), *Striga* spp.

STATES REGULATED: NC and SC (portions of each state)

REGULATED ARTICLES: Soil, compost, peat, humus, muck and decomposed manure separately or with other things, sand and gravel; plants with roots, grass sod, plant crowns and roots for propagation, true bulbs, corms, rhizomes and tubers of ornamental plants, root crops (except those free from soil), raw peanuts in shells and peanut shells (except boiled or roasted peanuts), small grains, sorghum, soybeans, hay, straw, fodder and plant litter of any kind, seed cotton and gin trash, and stumpwood. Also long green and pickling cucumbers, cantaloupes, peppers, squash, tomatoes, and watermelons, except with soil removed; string beans, field peas, cabbage (except firm heads with loose outer leaves removed), leaf tobacco (except flue-cured), unshucked ear corn, used crates, boxes, burlap bags, cotton picking sacks and other used farm product containers, used farm tools, used cultivating and harvesting equipment and any other product, article or conveyance determined to present a risk of spread of witchweed.

RESTRICTIONS: A certificate or permit is required if regulated articles are moved from a generally infested or suppressive area into or through any point outside a regulated area, OR from a generally infested area into or through a suppressive area, OR between any non-contiguous suppressive area, OR between contiguous suppressive areas as determined by an inspector.

A certificate or permit is not required if the regulated article is an exempted article (see below) OR if the regulated article is moved from a generally infested area to a contiguous generally infested area, OR from a suppressive area to a contiguous generally infested area, OR between contiguous suppressive areas unless determined by an inspector, OR if the article originated outside the regulated area and has maintained its identity.

(A suppressive area is part of a regulated area where eradication is undertaken as an objective.)

Exempted Articles: Small grains (except sorghum) and soybeans harvested into approved bulk containers and have not come in contact with the soil to prevent witchweed contamination or cleaned at a designated facility. Also, pickling cucumbers,

string beans, and field peas if washed free of soil, used farm tools, used cultivating equipment and soil moving equipment if cleaned free of soil and not exposed to infestation after cleaning and seed cotton if moving to a designated gin.

7. GOLDEN NEMATODE (GN) 7CFR 301.85

PEST: Golden Nematode, *Globodera rostochiensis*

STATES REGULATED: New York (portions of)

REGULATED ARTICLES: Soil, compost, humus, muck, peat, decomposed manure, separately or with other things. Also regulated are plants with roots (except aquatics, soil free), grass sod, plant crowns and roots for propagation, true bulbs, corms, rhizomes and tubers of ornamental plants, root crops including Irish potatoes, small grains and soybeans, hay, straw, fodder, plant litter, ear corn (except shucked), used crates, boxes, and burlap bags, other used farm product containers, used farm tools, used cultivating and harvesting equipment, and any other product, article or conveyance determined to present the risk of spread of golden nematode.

RESTRICTIONS: A certificate or permit is required for all regulated articles (except soil for analysis) to move interstate from a generally infested or suppressive area into or through any point outside the regulated area. OR from a generally infested area into or through a suppressive area, OR between any non-contiguous suppressive areas, OR between contiguous suppressive areas as determined by an inspector.

A certificate or permit is not required for the movement of an exempted article (see below) OR the movement of a regulated article from a generally infested area to a contiguous generally infested area OR from a suppressive area to a contiguous generally infested area, OR between contiguous suppressive areas unless determined by an inspector, OR if the article originated outside the regulated and maintains its identity while in the regulated area.

Exempted Articles: Small grains, soybeans (other than for seed), and unshucked ear corn, that has been harvested directly into approved bulk containers and have not come in contact with the soil. Also, used farm tools, crates, boxes, trucks, boxcars if cleaned free from soil and root crops (except Irish potatoes and sugar beets) hay, fodder, and plant litter if moved in approved containers.

8. CORN CYST NEMATODE (CCN) 7CFR 301.90

PEST: Corn Cyst Nematode, *Heterodera zeae*

QUARANTINE REVOKED IN 1996.

9. EUROPEAN LARCH CANKER (ELC) 7CFR 301.91

PEST: European Larch Canker, *Lachnellula willkommii* (Dasyscypha)

STATES REGULATED: Maine (portions of)

REGULATED ARTICLES: Logs, pulpwood, branches, twigs, plants, scion and other propagative material of the *Larix* and *Pseudolarix* spp., except seeds and any other product, article, or means of conveyance determined to present a risk of spread of European larch canker.

RESTRICTIONS: A certificate or limited permit is required for a regulated article to be moved interstate. A certificate or limited permit is not needed if a regulated article is moved to a contiguous regulated area OR if the article originated outside a regulated area, is moved in an enclosed vehicle directly through any regulated area, and the article maintains its identity.

10. MEDITERRANEAN FRUIT FLY QUARANTINE 7CFR 301.78

PEST: Mediterranean Fruit Fly, *Ceratitis capitata* Wiedemann

STATES REGULATED: A portion of Orange County, California, is currently under quarantine. The quarantine is expected to be removed on August 27, 1999.

REGULATED ARTICLES: (a) numerous fruits, nuts, vegetables, and berries; (b) soil within the drip area of the plants producing the fruits, nuts, vegetables, and berries listed.

RESTRICTIONS: Regulated articles moving interstate from the regulated area must be accompanied by a certificate of quarantine compliance. Both immersion and pour-on treatment procedures are acceptable.

11. MEXICAN FRUIT FLY QUARANTINE 7CFR 301.64

PEST: Mexican Fruit Fly, *Anastrepha ludens* Loew

STATES REGULATED: Cameron, Hidalgo, and Willacy Counties, TX.

MATERIALS REGULATED: Apple (*Malus sylvestris*), Apricot (*Prunus armeniaca*), Avocado (*Persea americana*), Calamondin Orange (*X. citrofortunella mitis*), Cherimoya (*Annona cherimola*), Citrus citron (*Citrus medica*), Custard apple (*Annona reticulata*), Grapefruit (*Citrus paradisi*), Guava (*Psidium guajava*), Japanese plum (*Prunus salicina*), Kumquat (*Fortunella japonica*), Lemon (*Citrus limon*) except Eureka, Lisbon, and Villa Franca cultivars (smooth_skinned sour lemon), Lime (*Citrus aurantiifolia*) except sour limes, Mamey (*Mammea americana*), Mandarin orange (tangerine) (*Citrus reticulata*), Mango (*Mangifera indica*), Nectarine (*Prunus persica*), Peach (*Prunus persica*), Pear (*Pyrus communis*), Plum (*Prunus americana*), Pomegranate (*Punica granatum*), Prune, Plum (*Prunus domestica*), Plummelo

(Shaddock) (*Citrus maxima*), Quince (*Cydonia oblonga*), Rose apple (*Syzygium jambos* (*Eugenia jambos*), Sour Orange (*Citrus aurantium*), Sapote (*Casimiroa* spp.), Sapota, Sapodilla (Sapotaceae), Sargentia, yellow chapote (*Sargentia greggii*), Spanish plum, purple mombin or Ciruela (*Spondias* spp.), Sweet orange (*Citrus sinensis*) and soil within the drip area of plants that are producing or have produced the fruits listed above.

RESTRICTIONS: Regulated articles moving interstate from the regulated area into or through American Samoa, Arizona, California, Florida, Guam, Hawaii, Louisiana, the Northern Mariana Islands, Puerto Rico, Texas, and the Virgin Islands of the United States must be accompanied by a certificate of quarantine compliance. The certificate verifies freedom from the pest or that the articles have been properly treated. The treatment for soil within the drip area of plants that are producing or have produced the fruits listed above is an application of diazinon at the rate of 5 pounds actual ingredient per acre with sufficient water to wet the soil to a depth of at least 1/2 inch. Both immersion and pour-on treatment procedures are acceptable. A certificate is not needed to move regulated articles to any State not listed above.

12. ORIENTAL FRUIT FLY QUARANTINE 7CFR 301.93

PEST: Oriental Fruit Fly, *Bactrocera dorsalis* Hendel

STATES REGULATED: A portion of the Tampa area in Hillsborough County, FL, is currently regulated. Eradication activities are ongoing and the quarantine is expected to be removed in late fall 1999.

REGULATED ARTICLES: (a) numerous fruits, nuts, vegetables, and berries; (b) soil within the drip area of the plants producing the fruits, nuts, vegetables, and berries listed.

RESTRICTIONS: Regulated articles moving interstate from the regulated area must be accompanied by a certificate of quarantine compliance. The certificate verifies freedom from the pest or that the articles have been properly treated. The treatment for soil within the drip area of plants that are producing or have pounds actual ingredient per acre with sufficient water to wet the soil to a depth of at least 1/2 inch. Both immersion and pour-on treatment procedures are acceptable.

13. PINE SHOOT BEETLE QUARANTINE 7CFR 301.50

PEST: Pine Shoot Beetle, *Tomicus piniperda*

STATES REGULATED: IL, IN, ME, MD, MI, NH, OH, PA, NY, VT, WV, and WI.

MATERIAL REGULATED: Pine (*Pinus* spp.) products as follows: Cut pine Christmas trees, pine nursery stock, pine wreaths and garlands, raw pine material for pine wreaths and garlands, bark nuggets including bark chips, logs with bark attached,

lumber with bark attached and stumps. Also any article, product or means of conveyance that presents a risk of spread of pine shoot beetle.

RESTRICTIONS: Interstate movement of regulated articles from infested areas require a limited permit or certificate to be issued by a PPQ Officer, state cooperator, or individual under compliance agreement. Conditions for the issuance of limited permits or certificates are outlined in CFR 301.50 and the pine shoot beetle operations manual. The PSB Compliance Management Plan is also outlined in the operations manual.

14. IMPORTED FIRE ANT (IFA) 7CFR 301.81

PEST: Imported Fire Ant, *Solenopsis* spp.

STATES REGULATED: AL, AR (portions of), California (portions of), FL, GA (portions of), LA, MS, NC (portions of), New Mexico (portions of), OK (portions of), PR, SC (portions of), TN (portions of), and TX (portions of).

MATERIALS REGULATED: (1) Imported Fire Ant queens and reproducing colonies of imported fire ant, (2) Soil separately or with other articles, except potting soil that is shipped in original containers in which the soil was placed after commercial preparation. (3) Baled hay and straw stored in direct contact with the ground, (4) Plants and sod with roots and soil attached, except plants maintained indoors in a home or office environment and not for sale, (5) Used soil-moving equipment, unless removed of all non-compacted soil, (6) Any other article, product or means of conveyance determined to present a risk of spread of the imported fire ant.

RESTRICTIONS: Certificates are issued for any regulated articles by an inspector if he/she determines that they are eligible for certification for movement to any destination.

15. ASIAN LONGHORNED BEETLE (ALB) QUARANTINE 7CFR 301.51

PEST: Asian Longhorned beetle, *Anoplophora glabripennis*

STATES REGULATED: Small areas in the boroughs of Brooklyn and Queens, NY and near Amityville, NY, and in small areas around Chicago, IL including Ravenswood, Addison, and Dupage Counties and the Village of Summit.

REGULATED ARTICLES: Firewood (all hardwood species), green lumber and other material living, dead, cut, or fallen, inclusive of nursery stock, logs, stumps, roots, branches and debris of a half an inch or more in diameter of the following genera: *Acer* (maple), *Aesculus* (horse chestnut), *Malus* (apple), *Melia* (chinaberry), *Morus* (mulberry), *Populus* (poplar), *Prunus* (cherry), *Pyrus* (pear), *Robinia* (locust), *Salix* (willow), *Ulmus* (elm) and *Citrus*.

RESTRICTIONS: Interstate movement of regulated articles from infested areas require a limited permit or certificate attached in accordance with the regulations outlined in 7CFR 301.51.

16. KARNAL BUNT (Kb) QUARANTINE 7CFR 301.89

PEST: *Tilletia indica* (Mitra) Mundkur, causal agent of Karnal bunt

STATES REGULATED: Portions of La Paz, Maricopa, and Pinal and Yuma counties, AZ; the Bard-Winterhaven area of Imperial County, CA and the Palo Verde Valley area of Imperial county, CA; portions of Dona Ana, Hidalgo, Luna, and Sierra counties, NM; portions of El Paso and Hudspeth counties, TX. Portions of Archer, Baylor, Knox, McCulloch, San Saba, Throckmorton, and Young counties, TX Areas of the above regulated states may have restricted and/or surveillance areas.

REGULATED ARTICLES: Conveyances including trucks, railroad cars, and other containers used to move wheat, durum wheat or triticale; grain elevators/equipment/structures used for storing and handling wheat, durum wheat and triticale; milling products or byproducts except flour; plants or plant parts, including grain, seed or straw of all varieties of wheat, durum wheat and triticale; root crops with soil; soil from areas where field crops are produced; manure from animals that have fed on untreated or raw wheat, durum wheat, or triticale; used bags, sacks and containers; used farm tools and equipment; used mechanized cultivating equipment; used seed conditioning equipment; used mechanized soil-moving equipment; and *Tilletia indica* (Mitre)Mundkur.

RESTRICTIONS: Interstate movement of regulated articles from regulated areas (restricted and/or surveillance) require testing and a limited permit or certificate attached in accordance with the regulations outlined in 7CFR301.89.